

SURVEYING POLE5 **Abstract of the Disclosure**

A light weight surveying pole which is of robust and highly accurate construction. A lock for fixing telescoping sections of the pole provides fixed positioning without high initial clamping forces. An air cushion system inhibits damaging the pole sections when they are retracted, but the pole sections can be simply pulled apart without any other required disassembly for cleaning or repair. Fittings for use in screw-together pole sections are constructed to permit location within mating pole sections prior to application of adhesive for greater precision and maintenance of coincident axes of the pole sections when screwed together. Also, the end faces of the fittings are particularly formed to facilitate complete face-to-face contact and avoid misalignment when the fittings are attached. A cover can be attached over a point of the surveying pole when the point is not needed, and the cover can be stowed on the surveying pole when the point is used. Moreover, a smaller tip of the point can be removed from a larger body if necessary to replace the tip.

100-240-246345-00